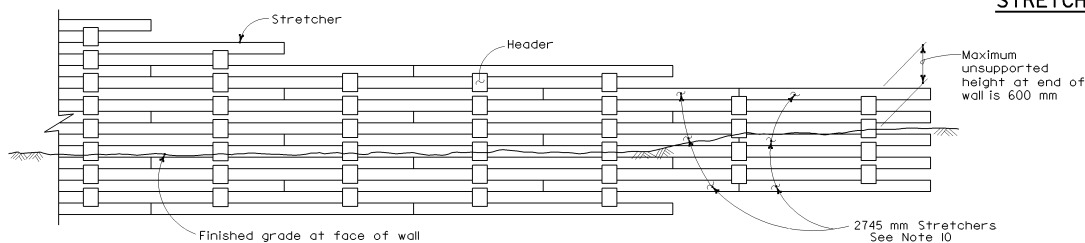
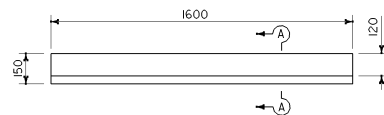


PARTIAL PLAN AT BASE

TYPE "D" SHOWN, OTHERS SIMILAR

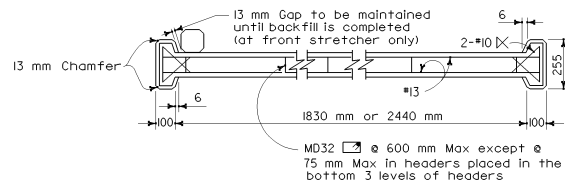


PARTIAL ELEVATION



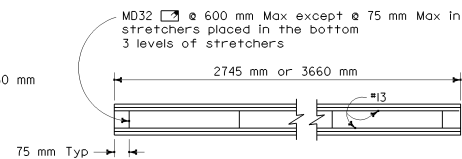
ELEVATION

FRONT FACE CLOSURE MEMBER



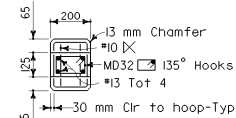
ELEVATION

HEADER DETAIL

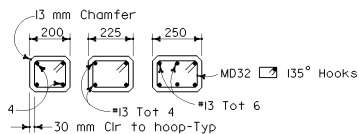


ELEVATION

STRETCHER DETAIL



SECTION



SECTION

GENERAL NOTES

- Reinforced Concrete:
 - Concrete - $f'_c = 25$ MPa
 - Bar Reinforcement - $f_y = 420$ MPa
 - Deformed Wire - $f_y = 450$ MPa
- Soil Parameters:
 - Backfill - $\phi = 34^\circ$
 - $\delta = 22.7^\circ$
 - $\delta = 19$ kN/m³
 - Foundation - $\phi = 34^\circ$
 - Lateral earth pressure determined by Coulomb's theory.
- Concrete to concrete bearing surfaces shall be finished to a smooth plane. The gap between bearing surfaces shall not exceed 3 millimeters. Where a gap of 1.5 millimeters to 3.0 millimeters exists, a 1.5 millimeters pad of asphalt felt or sheet neoprene shall be placed between the bearing surfaces. For wall Types D, E, and F, a 1.5 millimeters asphalt felt pad or sheet neoprene shall be placed between all concrete bearing surfaces below the 8950 millimeters level.
- All members may be manufactured to dimensions 4 millimeters greater in thickness and stretchers 13 millimeters less in length.
- Where an opening is specified in the face of a wall, special length stretchers and additional headers may be required.
- For non-tangent wall alignment, special length stretchers may be required.
- For non-tangent wall alignment and at locations where filler blocks are required, special length front face closure members may be required.
- The thickness of the lowest step for each wall type shall not be less than the dimension shown on these plans.
- Use of "Front Face Closure Member" shall be required only when specified on project plans or in the Special Provisions.
- All stretchers are 3660 millimeters except as noted.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

REINFORCED CONCRETE CRIB WALL TYPES A, B, C, D, E AND F HEADER AND STRETCHER DETAILS

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

C7E

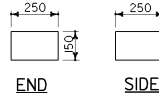


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL NO. SHEETS

REGISTERED CIVIL ENGINEER
 Overcomey, Y. Hsu
 No. 45803
 Exp. 12-31-06
 CIVIL
 STATE OF CALIFORNIA

July 1, 2004
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>



FILLER BLOCK DETAIL